## AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application.

- 1. (Currently Amended) A cleaning composition for removing resists, comprising a salt of hydrofluoric acid and a base not containing a metal (A component), a water-soluble organic solvent (B1 component), at least one acid selected from the group consisting of organic acids and inorganic acids (C component), and water (D component), the content of said salt of hydrofluoric acid and a base not containing a metal (the A component) being 0.01 1 mass % and said cleaning composition having a pH of 4-8.
- 2. (Currently Amended) A cleaning composition for removing resists, comprising a salt of hydrofluoric acid and a base not containing a metal (A component), a water-soluble organic solvent (B1 component), at least one acid selected from the group consisting of organic acids and inorganic acids (C component), water (D component), and an ammonium salt (E1 component), the content of said salt of hydrofluoric acid and a base not containing a metal (the A component) being 0.01 1 mass % and said cleaning composition having a pH of 4-8.
- 3. (Previously Presented) The cleaning composition for removing resists according to claim 1, wherein the water-soluble organic solvent (the B1 component) is a mixture of amides and polyhydric alcohol or its derivatives.
- 4. (Previously Presented) The cleaning composition for removing resists according to claim 1, wherein the base not containing a metal for forming the salt of hydrofluoric acid and a base not containing a metal (the A component) is at least one base selected from the group consisting of an organic amine compound, ammonia, and a lower quaternary ammonium base.
  - 5. (Cancelled).

- 6. (Currently Amended) A cleaning composition for removing resists, comprising a salt of hydrofluoric acid and a base not containing a metal (A component), a water-soluble organic solvent that is a mixture of a sulfur-containing compound and polyhydric alcohol or its derivatives (B2 component), phosphonic acid (C1 component), water (D component), and a base not containing a metal (E component), the content of said salt of hydrofluoric acid and a base not containing a metal (the A component) being 0.01 1 mass %, the content of said phosphonic acid (the C1 component) being 0.1 20 mass %, the content of said base not containing a metal (the E component) being 0.1 20 mass %, and said cleaning composition having a pH of 2-8.
  - 7. (Cancelled).
- 8. (Currently Amended) A cleaning composition for removing resists, comprising a salt of hydrofluoric acid and a base not containing a metal (A component), a water-soluble organic solvent that is a mixture of a sulfur-containing compound and polyhydric alcohol or its derivatives (B2 component), phosphonic acid (C1 component), water (D component), a base not containing a metal (E component), and a Cu corrosion inhibitor (F component), the content of said salt of hydrofluoric acid and a base not containing a metal (the A component) being 0.01 1 mass %, the content of said phosphonic acid (C1 component) being 0.1 20 mass %, the content of said base not containing a metal (the E component) being 0.1 20 mass %, and said cleaning composition has having a pH of 2-8.
- 9. (Previously Presented) The cleaning composition for removing resists according to claim 8, wherein the Cu corrosion inhibitor (the F component) includes at least one selected from the group consisting of triazoles, aliphatic carboxylic acids, aromatic carboxylic acids, and amino carboxylic acids.
- 10. (Currently Amended) A method of manufacturing a semiconductor device, comprising:

forming a metal film having copper as its main component on a semiconductor substrate;

forming an insulating film on the metal film;

forming a resist film on the insulating film;

forming a hole or a trench in the insulating film by dry etching, using the resist film as a mask;

removing the resist <u>film</u> by gas plasma processing or heat treatment; and removing remaining resist residue using the cleaning composition for removing resists according to claim 1.

- 11. (Previously Presented) The method according to claim 10, wherein the resist film used as the mask in the dry etching is a chemically amplified excimer resist.
- 12. (Previously Presented) A method of manufacturing a semiconductor device, comprising:

forming a metal film having copper as its main component on a semiconductor substrate;

forming an insulating film on the metal film;

forming a resist film on the insulating film;

forming a hole or a trench in the insulating film by dry etching, using the resist film as a mask; and

removing the resist film and resist residue produced during the dry etching using the cleaning composition for removing resists according to claim 1.

13. (Currently Amended) A method of <u>manufacturing</u> a semiconductor device, comprising:

forming a metal film having copper as its main component on a semiconductor substrate;

forming an insulating film on the metal film;

forming a hole in the insulating film reaching the metal film by dry etching; and removing etching residue produced during the dry etching using the cleaning composition for removing resists according to claim 1.